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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2

Complete if Known	
Application Number	10/606,924
Filing Date	June 26, 2003
First Named Inventor	P. van Rooyen
Group Art Unit	2637
Examiner Name	S.K. Ahn
Attorney Docket Number	16100US02

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1				
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FOREIGN PATENT DOCUMENTS

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	A13					
	A14					
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OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A18	D.J. van Wyk et al., "On the Construction of Layered Space-Time Coded Modulation STCM Codes Employing MTCM Code Design Techniques," IEEE VTC '99: Vehicular Technology Conference (Amsterdam, the Netherlands), September 1999, pgs. 2969-2973
	A19	P. van Rooyen et al., Space-Time Processing for CDMA Mobile Communications, Kluwer Academic Publishers, 2000
	A20	D. J. van wyk, "Four-dimensional Q_2PSK modulation and coding for mobile digital communication," Master's thesis, University of Pretoria, South Africa, April 1996

EXAMINER SIGNATURE		DATE CONSIDERED	11/14/05

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Sheet	2	Of	2

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	A21	J.E. Cilliers, et al. , "A synchronous Q^2PSK DS-CDMA system: System conceptualism, implementation and performance analysis," in Proceedings of ISSSTA '98, (Sun City, South Africa), September 1998, pgs. 4-8
	A22	G. Ungerboeck, "Channel coding with Multilevel/Phase signals," IEEE Transactions on Information Theory, vol. IT-28, January 1982, pgs. 55-67
	A23	G. Ungerboeck, "Trellis-Coded Modulation with redundant signal sets - Part 1: Introduction," IEEE Communications, vol. 25, February 1987, pgs. 5-11
	A24	G. Ungerboeck, "Trellis-Coded Modulation with redundant signal sets - Part II: State of the art," IEEE Communications Magazine, vol. 25, February 1987, pgs. 12-21
	A25	G. D. Boudreau, et al., "A comparison of trellis coded versus convolutionally coded spread-spectrum multiple-access systems," IEEE Journal on Selected Areas of Communication, vol. 8, May 1990, pgs. 628-640
	A26	D. Divsalar et al., "The design of Trellis Coded MPSK for fading channels: Performance Criteria," IEEE Transactions on Communications, vol. 36, September 1988, pgs. 1004-1012
	A27	D. Divsalar et al., "The design of Trellis Coded MPSK for fading channels: Set Partitioning for optimum code design," IEEE Transactions on Communications, vol. 36, September 1988, pgs. 1013-1021
	A28	V. Tarokh, et al., "Space-time codes for high data rate wireless communication: Performance criterion and code construction," IEEE Transactions on Information Theory, vol. 44, March 1998, pgs. 744-765
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	A31	P. Robertson, "Coded modulation scheme employing turbo codes," Electronics Letters, vol. 31, no. 18, 1995, pgs. 1546-1547
	A32	P. Roberston et al., "A novel bandwidth efficient coding scheme employing turbo codes," in ICC'96: International Conference on Communications (Dallas, Texas, USA), June 1996, pgs. 962-967
	A33	D. Divsalar et al., "Multiple Trellis Coded Modulation (MTCM)," IEEE Transactions on Communications, vol. 36, April 1988, pgs. 410-419
	A34	Universal Mobile Telecommunications System (UMTS); Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 3.5.0 Release 1999); ETSI TS 125 212 V3.5.0 (2000-12)

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